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Date: 25 April 2006

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FAX:	571-273-8300	PHONE:
FROM:	Vickie Kent Paralegal Specialist	
OF:	NASA Ames Research Center Mail Stop 202A-4 Moffett Field, CA 94035-1000	
FAX:	(650) 604-2767	PHONE: (650) 604-0887

Appl. No.: 09/822,470

Examiner: Brian T. Pendleton

Applicant: Durand R. Begault

Docket No.: ARC-14556-1

Filed: 28 March 2001

Customer No.: 25186

TC/A.U.: 2644

Confirmation No. 8981

The following correspondence is attached:

Transmittal Form (1 page)

Petition to Revive Application Abandon Unintentionally (37 CFR 1.137(b)) (2 pages)

Fee Transmittal (1 page, in duplicate)

Amendment Response to Office Action (5 pages)

Certificate of Transmission under 37 CFR 1.8

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on 25 April 2006  
Date

Vickie L. Kent  
Signature

Vickie L. Kent  
Typed or printed name of person signing Certificate

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PTO/SB/21 (09-04)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

11

Application Number	09/822,470
Filing Date	28 March 2001
First Named Inventor	Durand R. Begault
Art Unit	2644
Examiner Name	Brian T. Pendleton

**RECEIVED  
CENTRAL FAX CENTER****APR 25 2006**

Attorney Docket Number

ARC-14566-1

**ENCLOSURES (Check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input checked="" type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Fax Cover/Transmission Certificate (1 page)
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
<b>Remarks</b>		
Submission comprises: Petition to Revive Application Abandoned Unintentionally (2 pages); Fee Sheet (1 page, in duplicate); Amendment Response (5 pages).		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	NASA Ames Research Center		
Signature			
Printed name	John F. Schipper		
Date	25 April 2006	Reg. No.	26,994

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or printed name

Vickie L. Kent

Date

25 April 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04v2)

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL For FY 2005

 Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$)
 **1500.00**
**Complete If Known**

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Filing Date	28 March 2001	<b>CENTRAL FAX CENTER</b>
First Named Inventor	Durand R. Begault	<b>APR 25 2006</b>
Examiner Name	Brian T. Pendleton	
Art Unit	2644	
Attorney Docket No.	ARC-14556-1	

**METHOD OF PAYMENT** (check all that apply)
 Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_

 Deposit Account Deposit Account Number: 14-0116 Deposit Account Name: \_\_\_\_\_

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

 Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee

 Charge any additional fee(s) or underpayments of fee(s)  Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

<b>Application Type</b>	<b>FILING FEES</b>		<b>SEARCH FEES</b>		<b>EXAMINATION FEES</b>		<b>Fees Paid (\$)</b>
	<b>Fee (\$)</b>	<b>Small Entity</b>	<b>Fee (\$)</b>	<b>Small Entity</b>	<b>Fee (\$)</b>	<b>Small Entity</b>	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Small Entity</b>	<b>Fee (\$)</b>
- 20 or HP =	0	x	= 0	50	25
HP = highest number of total claims paid for. if greater than 20.				200	100
Indep. Claims	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	360	180

Each independent claim over 3 (including Reissues)

<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Multiple Dependent Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
- 3 or HP =	0	x	= 0			
HP = highest number of independent claims paid for. if greater than 3.						

Multiple dependent claims

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
- 100 =		/ 50 = (round up to a whole number) x		=

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): PetitionToReviveApplicationAbandonUnintentionally(37 CFR 1.137(b))**Fee Paid (\$)****1500.00****SUBMITTED BY**

<b>Signature</b>	<i>John F. Schipper</i>	<b>Registration No.</b> 26,994 <b>(Attorney/Agent)</b>	<b>Telephone</b> (650) 604-0887
<b>Name (Print/Type)</b>	John F. Schipper		Date 25 April 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete. Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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